

**IMPROVED REAGENTS FOR RECOMBINOGENIC ENGINEERING  
AND USES THEREOF**

**Abstract of the Disclosure**

- 5                   The present invention features homologous recombination methods and systems. The methods and systems promote highly efficient homologous recombination in cells (*e.g.*, in prokaryotic cells). The methods and systems are useful, for example, in pharmaceutical drug development, vaccine development and cloning.